INSTRUCTION SHEET



-J03038

Kit Numbers 65218-03Y, 65163-02YB

REV. 07-15-03

BUELL PRO SERIES RACE MUFFLER

General

This Race Muffler Kit fits all Buell XB models.

NOTES

There are no Service Parts available for this kit.

This instruction sheet references Service Manual information. A Service Manual for your model motorcycle is required for this installation and is available from any Buell Dealer.

Qty	Kit Contents	Part Number
1	XB Muffler, Polished	65218-03Y
1	XB Muffler Silver	65163-02YB

AWARNING

A Service Manual is necessary for installation of this kit. The rider's safety depends upon the correct installation of this kit. If the procedure is not within your capabilities or you do not have the correct tools, have your Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury.

CAUTION

This Race Kit is intended for racing applications only. Buell motorcycles modified with some performance engine parts must not be used on public roads and in some cases may be restricted to closed course competition. This kit is intended for racing applications only and is not legal for sale or use in California on pollution controlled vehicles. Alterations of emission-related components constitutes tampering under the US EPA guidelines and can lead to substantial fines and penalties.

CAUTION

This engine related performance part is intended for high performance and racing applications and is not legal for sale or use on pollution controlled motor vehicle warranty. Engine related performance parts are intended for the experience rider only

CAUTION

You MUST recalibrate the ECM when installing this kit. Failure to properly recalibrate the ECM for this exhaust system could result in severe engine damage.

Muffler Removal for XB9 Models

 See Figure 1. Refer to the appropriate Service Manual for the muffler removal procedure.

Muffler Removal for XB12 Models

- See Figure 1. Remove active muffler. Refer to the muffler removal procedure in the appropriate service manual.
- Remove active muffler cable. Refer to the cable removal procedure in the appropriate service manual.

All XB Models Muffler Kit Installation

NOTES

On models with an active exhaust, completely remove cable.

Torca muffler clamps have eliminated the need for silicone or graphite tape during assembly. To ensure sealing integrity of muffler clamps and prevent the possibility of leakage, Buell recommends that muffler clamp assemblies be discarded and replaced each time they are removed.

Install muffler and new Torca clamp onto header.

NOTE

If necessary, use a fiber hammer to fit muffler on header.

AWARNING

Never reuse front muffler strap. Always replace front muffler strap with a new strap when removed from system.

2. See Figure 1. Loosely install new front and rear muffler straps (2, 6).

AWARNING

Muffler straps must be tightened in steps to keep from over tightening or muffler will be crushed.

AWARNING

Always ensure that straps do not contact the chin fairing or the idler pulley assembly.

 Tighten front strap fastener and alternately tighten rear muffler strap fasteners evenly till fasteners are tightened to:

Front: 108-120 in-lbs (12-14 Nm).

Rear: 48-60 in-lbs (5-7 Nm).

- 4. See Figure 1. Tighten front muffler mount fastener (7) to 16-18 ft-lbs (21.7-24.4 Nm).
- 5. Tighten the Torca clamp (5) to 40-45 ft-lbs (54-61 Nm).
- Install idler pulley. Refer to the DRIVE BELT installation in appropriate Service Manual.
- 7. Install front sprocket cover. Refer to the SPROCKET COVER installation in appropriate Service Manual
- Install chin fairing. Refer to the CHIN FAIRING installation in appropriate Service Manual.

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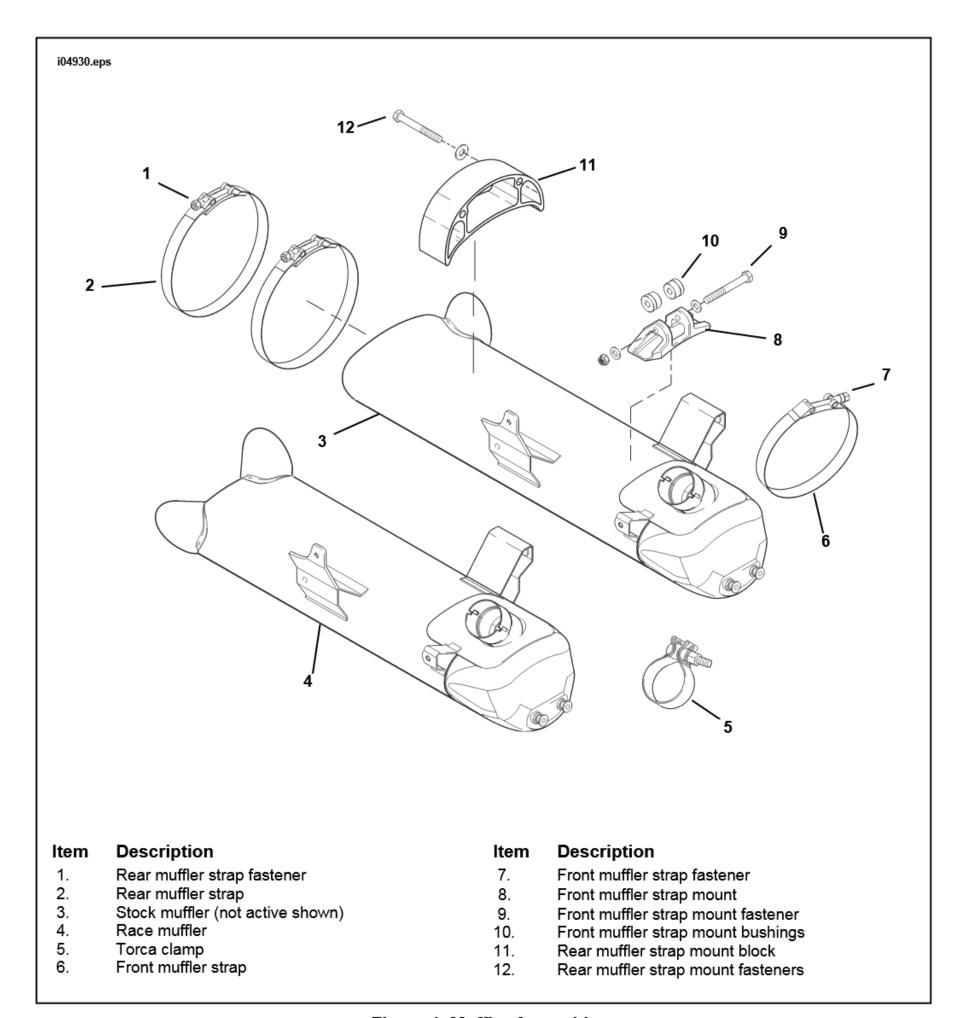


Figure 1. Muffler Assembly

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